

**BSG0811NDATMA1 Information**


For Reference Only

**Part Number** [BSG0811NDATMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 25V 19A/41A 8TISON  
**Package** 8-PowerTDFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**BSG0811NDATMA1 Specifications**

Manufacturer Part Number	<a href="#">BSG0811NDATMA1</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-PowerTDFN
Series	OptiMOS?
FET Type	2 N-Channel (Dual) Asymmetrical
FET Feature	Logic Level Gate, 4.5V Drive
Drain to Source Voltage (V <sub>dss</sub> )	25V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	19A, 41A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	3 mOhm @ 20A, 10V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	2V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	8.4nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1100pF @ 12V
Power - Max	2.5W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-PowerTDFN
Supplier Device Package	PG-TISON-8

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## BSG0811NDATMA1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## BSG0811NDATMA1 Payment Methods



## BSG0811NDATMA1 Shipping Methods



If you have any question about BSG0811NDATMA1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)